

STATEMENT OF WORK

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1.0 INTRODUCTION / BACKGROUND

This contract is issued for the performance of Preparation of Field Summary Reports in support of Central Plateau Cleanup Company (CPCCo) work scope for the period of date of award through September 30, 2022. CPCCo is a prime contractor to the Department of Energy (DOE) and all work on this Statement of Work will be performed in support of the CPCCo contract with DOE.

2.0 DESCRIPTION OF WORK – GENERAL

Contractor employee(s) shall be responsible for independently planning, organizing and performing a wide variety of non-hazardous specialized administrative/technical duties in support of the successful completion of goals and deliverables and in accordance with all provisions of the contract.

3.0 DESCRIPTION OF WORK – SPECIFIC

The primary tasks include preparing a Field Summary Report (FSR), or characterization report, for the listed Treatment, Storage, and Disposal (TSD) units below. Each FSR will document the drilling, well construction, geologic logging, geophysical logging, and soil and groundwater sampling results for each well drilled at the TSD location in FY2021 and FY2022. Information provided in the report shall include, but not be limited to:

- Well location maps
- Sample depths
- Sample numbers
- Sampling methods, including purging and sampling rates for collection of all groundwater samples (during drilling and post-construction)
- Sample recoveries (document on the geologic log/field paperwork)
- Soil chemistry data
- Soil radiological data
- Groundwater chemistry data
- Groundwater radionuclide data
- Field screening data (radiological controls/industrial hygiene reports)
- Depth to water measurements
- Geologic log
- Borehole geophysical logging report
- Surface geophysical logging report
- Dates of drilling and well construction
- Water added to borehole
- Well construction information presented in a summary table and figures (e.g. as-builts)
- Survey data (vertical and horizontal)
- Evaluation of borehole sealant effectiveness
- Photographs

- Any major deviations from the plan as described in the SAI
- Aquifer test results

The work scope for this activity includes compiling and preparing the FSRs for submission to CPCCo, addressing CPCCo comments and preparing a draft for DOE, addressing DOE comments, and finalizing the document in preparation for final clearance and publication. Meetings with DOE are expected for resolution of DOE comments.

Comments for each FSR are expected to be typical, with approximately 20 comments estimated during CPCCo internal review and 30 comments during DOE review.

Figures and graphics may be performed by the CPCCo graphics team; the Contractor will communicate graphics needs with the team. Technical editing will be performed by CPCCo.

FSR documents may be worked in parallel if data is available.

3.1 Task 1 - Field Summary Report for the 216-B-3 RCRA Wells

The 216-B-3 well drilling consists of four wells installed in FY2021.

Contractor shall provide an Internal Review Draft for CPCCo review, resolution of CPCCo comments and DOE Review Draft for DOE review, resolution of DOE comments, and a Final Draft Rev. 0 for final clearance and publication.

Documents shall be submitted in accordance with the schedule attached in Section 8 of this SOW.

3.2 Task 2 – Field Summary Report for the 216-S-10 RCRA Wells

The 216-S-10 well drilling consists of four wells installed in FY2021.

Contractor shall provide an Internal Review Draft for CPCCo review, resolution of CPCCo comments and DOE Review Draft for DOE review, resolution of DOE comments, and a Final Draft Rev. 0 for final clearance and publication.

Documents shall be submitted in accordance with the schedule attached in Section 8 of this SOW.

3.3 Task 3 – Field Summary Report for the 216-A-36B RCRA Well Installed in FY2022

The 216-A-36B well drilling consists of one well to be installed in FY2022.

Contractor shall provide an Internal Review Draft for CPCCo review, resolution of CPCCo comments and DOE Review Draft for DOE review, resolution of DOE comments, and a Final Draft Rev. 0 for final clearance and publication.

Documents shall be submitted in accordance with the schedule attached in Section 8 of this SOW.

3.4 Special Requirements

N/A.

3.5 Acceptance Criteria

Work products and services provided shall meet all applicable CPCCo procedures for control and review of work products and pertinent regulatory requirements, as required by this contract and incorporated provisions.

3.6 Organizational Interfaces

The Contractor shall interface with various CPCCo (and other) organizations through the CPCCo Contract Specialist (or designee), as required. The interfaces are:

- Buyer's Technical Representative (BTR) – To be determined
- Contract Specialist – Ginny Jacobsen

3.7 Work Not Included

Work not included in this Contract includes N/A.

3.8 Buyer Furnished Materials and Equipment

The CPCCo will furnish the following materials, equipment and facilities at no cost to the Contractor for use in performing this work scope: N/A.

3.9 Site Conditions and Known Hazards

The site conditions and/or known hazards are N/A.

3.10 Site Coordination Requirements

Contractor site coordination and interface requirements include N/A.

4.0 TECHNICAL REQUIREMENTS

Contractor will perform in accordance with the terms and conditions of this contract, CPCCo internal policies and procedures, and quality assurance provisions, including safety programs, laws, orders, permits, rules, confidentiality of information and intellectual property safeguards.

4.1 Work Location / Access Requirements (if applicable)

Work will be performed at the Contractor's off-site location. Meetings will be scheduled and executed through Microsoft Teams. Database (e.g., HEIS) will be arranged by BTR as needed.

5.0 PERSONNEL REQUIREMENTS

5.1 Training and Qualification

A. Task specific or unique training or qualifications required for this task includes:

- a. A Bachelor of Science or Bachelor of Arts degree in geology, chemistry, environmental science, or related scientific field

AND

- b. A minimum of three years' experience and knowledge of the Hanford Site specific geology, drilling, sample collection and sample analysis within the last five years.
- B. The Contractor is expected to provide appropriately trained and qualified staff to perform the type of work associated with their skill of craft at the Hanford site.
- C. CPCCo shall provide Contractor staff task or facility specific training as required for site and facility access and safe performance of assigned tasks.
- D. Testing requirements for personnel who will be working in substance Testing Designated Positions.

5.2 Security and Badging Requirements

For any on site work, general site access badging is required.

- Special clearance requirements will be provided, if applicable.

5.3 Site Access and Work Hours

- A. CPCCo work scope is performed on a 4 x 10 schedule. The standard workday consists of ten (10) hours of work between 6:00 AM and 4:30 PM. No work occurs on the non-working Fridays.
- B. Off-site work performed at the Contractor's location will be performed in accordance with the Contractor's schedule.

6.0 ENVIRONMENTAL, SAFETY, HEALTH, AND QUALITY REQUIREMENTS

The Contractor shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of work. The Contractor shall comply with, and assist CPCCo in complying with Environmental, Safety, Health, and Quality (ESH&Q) requirements of all applicable laws, regulations and directives.

Materials supplied or purchased for use in performance of this contract, to the maximum extent practical, shall be environmentally preferred as described in 40 CFR 247 and including Biobased products as designated by the USDA . www.biopreferred.gov

The following project-specific ESH&Q requirements are applicable to this scope of work in addition to the requirements identified in the contract [General Provisions](#) and, when work is being conducted on site, the additional ESH&Q requirements in [SP-5](#) (*On-Site Services*) should be followed.

7.0 MEETINGS AND SUBMITTALS

7.1 Meetings

- A. Contractor shall participate in the following meetings:
 - a. Weekly status meetings during FSR development and comment resolution.

- b. Comment resolution meetings with CPCCo and DOE.

7.2 Submittals

- A. Contractor shall submit personnel qualifications with the proposal, as designated in Section 5.1, above.

8.0 DELIVERABLES, PROJECT CONTROLS, MILESTONES, AND PERFORMANCE SCHEDULE REQUIREMENTS

- A. Submittal Register [\[Attachment 1\]](#)
- B. Deliverables include:
 - a. Internal Review Draft for each FSR
 - b. Decisional Review Draft for each FSR
 - c. Final Rev 0 for each FSR
- C. Period of performance: Date of award through September 30, 2022

STATEMENT OF WORK

TITLE: Preparation of Field Summary Reports Support

ATTACHMENT 1 - Submittal Register

The Contractor shall meet the required schedule and provide the documents specified in accordance with the following submittals.

Preparing Field Summary Reports Document Submittal								Revision: 0
1. Task No.	2. Type, Number of Copies, Format	3. Technical Submittal	4. Vendor Information	5. Description/Document Title	6. Submittal Date (Calendar Days)	7. Approver Organizations	8. CPCCO Review Time (Work Days)	9. Contract Paragraph or Requirement Reference
1	MFC	No		Internal Review Draft FSR for 216-B-3 Wells	A + 30 days			Section 3.1
2	MFC	No		DOE Decision Draft FSR for 216-B-3 Wells	15 days after receipt of CPCCo comments			Section 3.1
3	MFC	No		Final FSR for 216-B-3 Wells	30 days after receipt of DOE comments			Section 3.1
4	MFC	No		Internal Review Draft FSR for 216-S-10 Wells	A + 75 days			Section 3.2

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5	MFC	No		DOE Decision Draft FSR for 216-S-10 Wells	15 days after receipt of CPCCo comments			Section 3.2
6	MFC	No		Final FSR for 216-S-10 Wells	30 days after receipt of DOE comments			Section 3.2
7	MFC	No		Internal Review Draft FSR for 216-A-36B Well	A + 150 days			Section 3.3
8	MFC	No		DOE Decision Draft FSR for 216-A-36B Well	15 days after receipt of CPCCo comments			Section 3.3
9	MFC	No		Final FSR for 216-A-36B Well	30 days after receipt of DOE comments			Section 3.3

Typically a numerical sequence (i.e., 1, 2, 3,...). However, other numbering systems may also be used.

1. Submittal type, number of copies and format:

- APW** Approval Required Prior to Work (CPCCO must approve the Contractor's submittal prior to the Contractor being authorized to proceed with any activity/work associated with the submittal)
- AP** Approval Required (CPCCO must approve the Contractor's submittal, however, work associated with the submittal may proceed prior to CPCCO approval)
- Format** Describes the type of submittal required (electronic or printed):
- DWG** An AutoCAD drawing using the Hanford standard formatting (See CPCCO-00263, *Off-Site Vendor Instructions for the Preparation and Control of Engineering Drawing*).

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MFC	Microsoft Format Compatible application (Word, Excel, Access, PowerPoint)
MPP	Microsoft Project Files
P6	A Primavera Project Planner schedule
GEN	General or Open Format/Media
PDF	Adobe Acrobat (Portable Document Format)

2. Technical submittals are Engineering or Quality affecting submittals. A Yes in this column designates the need for formalized comments, and a formalized comment disposition process by the Contractor. Examples of Technical Submittals would include Engineering or Fabrication Drawings, or Certificates of Conformance.
3. Vendor Information for project record purposes.
4. Description / Document Title. Describe submittal.
5. Required submittal date or its relationship to project milestones. Examples are July 14, 2009, or Award + 15 days, Contract Completion +30 days.

A	Date of Award
CD	Conceptual Design Complete
PD	Preliminary Design Complete
FD	Final Design Complete
M	Mobilization
SC	Start of Construction
EC	End of Construction
6. Approver Organization. Examples are Construction Manager, Safety, Quality, Radiation Protection, Waste Management.
7. The number of Work Days required for review of the submittal.
8. Contract Reference: Cross reference to the Contract requirement that defines this submittal: